

ABSTRACT OF THE DISCLOSURE

An apparatus for air filtration has a pleated filter media with an expandable mesh bonded to the pleated filter media, an outer frame, an inner frame, support members disposed within the outer and inner frame wherein the support members create openings in the inner frame and outer frame, and wherein the inner frame slides within the outer frame, and wherein the pleated filter media is disposed within the outer and inner frame and is attached to the outer first side and the inner first side and can grow and expand with the apparatus as the length is adjusted.